

PATENT  
12480-000104/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Yasuo SUDA et al.  
Int'l Application No.: PCT/JP2003/009973  
Application No.: **NEW APPLICATION**  
Filed: March 8, 2005  
For: VERSATILE LINKER COMPOUND, LIGAND, AND  
PRODUCING METHOD THEREOF

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**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
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March 8, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. All of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and/or PCT Preliminary Examination Report, indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☒ **OTHER**

The following additional information is provided for the Examiner's consideration.

International Search Report and International Preliminary Examination Report.

New PCT National Phase Application  
Docket No. 12480-000104/US

FEES

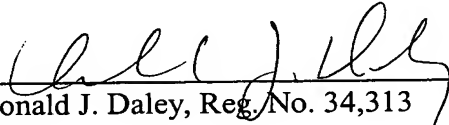
This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKY & PIERCE, P.L.C.

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Enclosures: ☒ Form PTO-1449(s)  
☒ Foreign Search Reports

Form PTO-1449

## INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.  
12480-000104/US

APPLICATION NO.  
NEW APPLICATION

APPLICANT(S)  
Yasuo SUDA et al.

CONF. NO.  
Unknown

FILING DATE  
March 8, 2005

GROUP  
Unknown

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

### FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
					YES	NO
JP 2002-080488 A	03/19/2002	JAPAN				
JP 07-252288 A	10/03/1995	JAPAN				
JP 2003-083969 A	03/19/2003	JAPAN				
WO 96/17613	06/13/1996	WIPO				

### OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	Hayashi KUSUMOTO et al., "Taki Yotogata Linker o Mochiita Tosa no Shugoka to Hyomen Plasmon Kyomeiho Kaiseki Narabi ni Affinity Chromatography eno Oyo", CSJ: The Chemical society of Japan Yokoshu, 03 March 2003 (03.03.03), Vol. 83rd, No. 2, Page 952, G2-48
	Hayashi KUSUMOTO et al., "Tosa no Shugoka to Koteika no Tame no Shinki Linker Bunshi no Gosei", CSJ: The Chemical Society of Japan Koen Yokoshu, 10 September, 2002 (10.09.02), Vol. 82nd, Page 137, 1 C1-12
	Hayashi ARANO et al., "Ryusanka Oligo-to no Shugoka, Biotin-ka oyobi Sono Hyomen Plasmon Kyomei eno Oyo" CSJ: The Chemical Society of Japan Yokoshu, 2001, Vol. 79 <sup>th</sup> , No. 2, Page 1042, 4G304
	FUKASE K. et al., "Functional fluorescence labeling of carbohydrates and its use for preparation of neoglycoconjugates", J. Carbohydrate Chemistry, 1994, Vol. 13, No.5, Pages 715 to 736; full text; Page 723
	LINDHORST T.K. et al., "Glycocoating of oligovalent amines: synthesis of thioureabridged cluster glycosides from glycosyl isothiocyanates", Angewandte Chemie, International Edition in English, 1996, vol. 35, No. 17, pages 1953 to 1956
	WELLS N.J. et al., "Solid-phase dendrimer synthesis", Biopolymers, 1999, vol. 47, No. 5, pages 381 to 396

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DJD/smk